DISCRETE MATHEMATICS VOLUME 146, NUMBERS 1–3, 15 NOVEMBER 1995

CONTENTS

C.A. Akemann and J. Anderson The continuous Beck-Fiala theorem is optimal	1
D. Barraez, E. Flandrin, H. Li and O. Ordaz Dominating cycles in bipartite biclaw-free graphs	11
O. Chan, C.C. Chen and Q. Yu On 2-extendable abelian Cayley graphs	19
JL. Fouquet, V. Giakoumakis, F. Maire and H. Thuillier On graphs without $P_{\rm s}$ and $\bar{P}_{\rm s}$	33
L. Haddad and H. Zhou Star chromatic numbers of hypergraphs and partial Steiner triple systems	45
N. Hamada, T. Helleseth A characterization of some $\{3v_{\mu+1}, 3v_{\mu}; k-1, q\}$ -minihypers and some $[n, k, q^{k-1}-3q^{\mu}; q]$ -codes $(k\geqslant 3, q\geqslant 5, 1\leqslant \mu < k-1)$ meeting the Griesmer bound	59
O. Heden On Bruen chains	69
D.G. Hoffman, S. Hobart and R.C. Mullin Near subgroups of groups	97
M. Horňák, R. Lauff and R. Soták On existence of hypergraphs with prescribed edge degree profile	109
R. Huang Muir's identity — A supersymmetric approach	123
HJ. Lai Supereulerian graphs and excluded induced minors	133
H. Li Circumferences in 1-tough graphs	145
P. Lisoněk Local and global majorities revisited	153
S.P. Nudelman The modular n-queens problem in higher dimensions	159
A.M. Odlyzko and W.D. Smith Nonabelian sets with distinct k-sums	169
B.S. Panda and S.P. Mohanty Intersection graphs of vertex disjoint paths in a tree	179
P. Préa Distance sequences in infinite regular tessellations	211
M. Serfati Boolean differential equations	235
J. West Generating trees and the Catalan and Schröder numbers	247

J.E. Wetzel Regular dissections of an infinite strip	263
KW. Yang Matrix q-hypergeometric series	271
Notes	
P. Boisen Polynomials and packings: a new proof of de Bruijn's theorem	285
J.A. Bondy A short proof of the Chen-Manalastas theorem	289
R.A. Brualdi and A. Fonseca On the quasi-transversals of a matroid	293
W. Chan An exchange property of matroid	299
C. Chen Binding number and toughness for matching extension	303
J.D. Fanning A family of symmetric designs	307
R. Michel, G. Taubenfeld and A. Berman A connection between random variables and latin k-cubes	313
J. Oxley and H. Wu On matroid connectivity	321
M. Voigt A not 3-choosable planar graph without 3-cycles	325
Author index to volume 146	329

